



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
GRANTS MANAGEMENT OFFICE
5 POST OFFICE SQUARE, SUITE 100, OARM16-2
BOSTON, MASSACHUSETTS 02109-3912

December 11, 2012

Phelan R. Fretz, Executive Director
Lake Champlain Basin Science Center
One College Street
Burlington, VT 05401

Re: LC 96116001
Project Title: Echo at The Leahy Center for Lake Champlain

Dear Mr. Fretz:

This is to acknowledge receipt and acceptance of all reports required to closeout the above referenced Assistance Agreement. According to EPA Administrative Regulations, records of this agreement must be maintained for (3) three years from the date of the accepted final Financial Status Report.

This project is considered closed unless any litigation, claim or audit is started before the expiration of the retention period. All appropriate records must be maintained until all actions are completed and issues resolved.

We appreciate your participation and efforts in this program.

Sincerely,

A handwritten signature in black ink, appearing to read "Katonya Parker", is written over a horizontal line.

Katonya Parker, Grants Specialist
Grants Management Office
Office of Administration & Resource Management

cc: Jeanne Voorhees
Chris Miller

FEDERAL FINANCIAL REPORT

(Follow form instructions)

1. Federal Agency and Organizational Element to Which Report is Submitted United States Environmental Protection Agency		2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment) LC96116001		Page 1 of 1																																	
3. Recipient Organization (Name and complete address including Zip code) The Lake Champlain Basin Science Center, Inc. One College Street Burlington, VT 05401																																					
4a. DUNS Number 9686571	4b. EIN 03-0347288	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment) ACH Control No: 10182	6. Report Type <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-Annual <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Final	7. Basis of Accounting <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual																																	
8. Project/Grant Period From: (Month, Day, Year) 9/25/2009		To: (Month, Day, Year) 9/24/2011		9. Reporting Period End Date (Month, Day, Year) 8/31/2011																																	
10. Transactions (Use lines a-c for single or multiple grant reporting) Federal Cash (To report multiple grants, also use FFR Attachment): <table style="width: 100%;"> <tr> <td style="width: 70%;">a. Cash Receipts</td> <td style="width: 30%;"></td> </tr> <tr> <td>b. Cash Disbursements</td> <td></td> </tr> <tr> <td>c. Cash on Hand (line a minus b)</td> <td></td> </tr> </table> (Use lines d-o for single grant reporting) Federal Expenditures and Unobligated Balance: <table style="width: 100%;"> <tr> <td style="width: 70%;">d. Total Federal funds authorized</td> <td style="width: 30%;"></td> </tr> <tr> <td>e. Federal share of expenditures</td> <td style="text-align: right;">75%</td> </tr> <tr> <td>f. Federal share of unliquidated obligations</td> <td style="text-align: right;">\$650,000.00</td> </tr> <tr> <td>g. Total Federal share (sum of lines e and f)</td> <td style="text-align: right;">\$649,149.00</td> </tr> <tr> <td>h. Unobligated balance of Federal funds (line d minus g)</td> <td style="text-align: right;">\$649,149.00</td> </tr> <tr> <td>Recipient Share:</td> <td style="text-align: right;">\$851.00</td> </tr> <tr> <td>i. Total recipient share required</td> <td></td> </tr> <tr> <td>j. Recipient share of expenditures</td> <td style="text-align: right;">25%</td> </tr> <tr> <td>k. Remaining recipient share to be provided (line i minus j)</td> <td style="text-align: right;">\$216,383.00</td> </tr> </table> Program Income: <table style="width: 100%;"> <tr> <td style="width: 70%;">l. Total Federal program income earned</td> <td style="width: 30%;"></td> </tr> <tr> <td>m. Program income expended in accordance with the deduction alternative</td> <td style="text-align: right;">\$66,423.00</td> </tr> <tr> <td>n. Program income expended in accordance with the addition alternative</td> <td style="text-align: right;">\$66,423.00</td> </tr> <tr> <td>o. Unexpended program income (line l minus line m or line n)</td> <td></td> </tr> </table>						a. Cash Receipts		b. Cash Disbursements		c. Cash on Hand (line a minus b)		d. Total Federal funds authorized		e. Federal share of expenditures	75%	f. Federal share of unliquidated obligations	\$650,000.00	g. Total Federal share (sum of lines e and f)	\$649,149.00	h. Unobligated balance of Federal funds (line d minus g)	\$649,149.00	Recipient Share:	\$851.00	i. Total recipient share required		j. Recipient share of expenditures	25%	k. Remaining recipient share to be provided (line i minus j)	\$216,383.00	l. Total Federal program income earned		m. Program income expended in accordance with the deduction alternative	\$66,423.00	n. Program income expended in accordance with the addition alternative	\$66,423.00	o. Unexpended program income (line l minus line m or line n)	
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12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation: spreadsheets. The final rate for April, 2010 through August, 2010 has not yet been established. The provisional rate of 41.89% was used. Using this rate, ECHO undercharged the																																					
13. Certification: By signing this report, I certify that it is true, complete, and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent information may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)																																					
a. Typed or Printed Name and Title of Authorized Certifying Official Phelan R. Fretz, Ph.D., Executive Director				c. Telephone (Area code, number and extension) 802-864-1848 X 126 d. Email address pfretz@echovermont.org																																	
b. Signature of Authorized Certifying Official 				e. Date Report Submitted (Month, Day, Year) 1/26/2012																																	
14. Agency use only: Federal Share Calculation: 75.00% Standard Form 425 OMB Approval Number 0348-0061 Expiration Date: 10/31/2011																																					

Paperwork Burden Statement

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is 0348-0061. Public reporting burden for this collection of information is estimated to average 1.5 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0060), Washington, DC 20503.

Financially Closed - Processed at LVFC

Deobligated \$ 851.00

By Taylor On 1-26-12

PO Copy Jeanne Voorhees

4/12/11

Katana


OMB CONTROL NO. 2090-0030
APPROVED: 05/01/2003
APPROVAL EXPIRES: 01/31/2011

**U.S. ENVIRONMENTAL PROTECTION AGENCY
MBE/WBE UTILIZATION UNDER FEDERAL GRANTS, COOPERATIVE
AGREEMENTS, AND INTERAGENCY AGREEMENTS**

PART 1. (Reports are required even if no procurements are made during the reporting period.)

1A. FEDERAL FISCAL YEAR 200 <u>10</u>		1B. REPORTING PERIOD (Check ALL appropriate boxes) <input type="checkbox"/> 1 st (Oct-Dec) <input type="checkbox"/> 2 nd (Jan-Mar) <input type="checkbox"/> 3 rd (Apr-Jun) <input type="checkbox"/> 4 th (Jul-Sep) <input checked="" type="checkbox"/> Annual * * FFY 2009 GRANT ACTIVITY PERIOD 7/1/09 → 8/31/10 <input type="checkbox"/> Check if this is the last report for the project (Project completed).																			
1C. REVISION OF A PRIOR REPORT? Y or N or <u>N</u> Year: _____ Quarter: _____		BRIEFLY DESCRIBE THE REVISIONS YOU ARE MAKING: NA																			
2A. EPA FINANCIAL ASSISTANCE OFFICE ADDRESS (ATTN: DBE Coordinator) U. S. EPA REGION 1 ONE CONGRESS ST. SUITE 1100 BOSTON, MA 02114-2023		3A. RECIPIENT NAME AND ADDRESS LAKE CHAMPLAIN BASIN SCIENCE CENTER, INC. ONE COLLEGE ST. BURLINGTON, VT 05401																			
2B. EPA DBE COORDINATOR Name: <u>ERIK BECK</u> E-mail: <u>BECK.ERIK@EPA.GOV</u>	2C. PHONE: <u>617-918-1606</u> Fax: _____	3B. RECIPIENT REPORTING CONTACT: Name: <u>CHRIS A. MILLER</u> E-mail: <u>CMILLER@ECHOVERMONT.ORG</u>	3C. PHONE: <u>802-864-1848 X103</u> Fax: <u>802-864-6832</u>																		
4A. FINANCIAL ASSISTANCE AGREEMENT ID NUMBER (SRF State Recipients, refer to Instructions for Completion of blocks 4A, 5A and 5C.) <u>LC 96116 001 - 0</u>		4B. FEDERAL FINANCIAL ASSISTANCE PROGRAM TITLE or CFDA NUMBER: <u>66.481-LAKE CHAMPLAIN BASIN PROGRAM</u>																			
5A. TOTAL ASSISTANCE AGREEMENT AMOUNT (SRF State Recipients, refer to Instructions for Completion of blocks 4A, 5A and 5C.) EPA Share: <u>\$ 650,000</u> Recipient Share: <u>\$ 216,667</u>		5B. If NO procurement and NO accomplishments were made this reporting period, check and skip to Block No. 7. (Procurements are all expenditures through contract, order, purchase, lease or barter of supplies, equipment, construction, or services needed to complete Federal assistance programs. Accomplishments, in this context, are procurements made with MBEs and/or WBEs. <input type="checkbox"/>																			
5C. Total Procurement and MBE/WBE Accomplishments This Reporting Period (Only include amount not reported in any prior reporting period) Were sub-awards issued under this assistance agreement? Yes _____ No <u>X</u> Were contracts issued under this assistance agreement? Yes _____ No <u>X</u> Total Procurement Amount <u>\$ 32,060.91</u> (Include total dollar values awarded by recipient, sub-recipients and SRF loan recipients.) Actual MBE/WBE Procurement Accomplished: (Include total dollar values awarded by recipient, sub-recipients, SRF loan recipients and Prime Contractors.) <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th>Construction</th> <th>Equipment</th> <th>Services</th> <th>Supplies</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>\$MBE:</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td align="center"><u>0</u></td> </tr> <tr> <td>\$WBE:</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td align="center"><u>0</u></td> </tr> </tbody> </table>					Construction	Equipment	Services	Supplies	Total	\$MBE:	_____	_____	_____	_____	<u>0</u>	\$WBE:	_____	_____	_____	_____	<u>0</u>
	Construction	Equipment	Services	Supplies	Total																
\$MBE:	_____	_____	_____	_____	<u>0</u>																
\$WBE:	_____	_____	_____	_____	<u>0</u>																
6. COMMENTS: (If no MBE/WBE procurements were accomplished during the reporting period, please explain what steps you are taking to achieve the MBE/WBE Program requirements specified in the terms and conditions of the Assistance Agreement.) <u>ARE HIGHLY SPECIALIZED ANIMAL FOOD, ANIMAL CARE SUPPLIES, VETERINARY SERVICES, ETC. CONTINUE TO SCAN DATABASE OF CERTIFIED MBE/WBEs IN VERMONT.</u>																					
7. NAME OF RECIPIENT'S AUTHORIZED REPRESENTATIVE <u>CHRIS A. MILLER</u>		TITLE <u>DIRECTOR OF FINANCE & ADMINISTRATION</u>																			
8. SIGNATURE OF RECIPIENT'S AUTHORIZED REPRESENTATIVE <u>Chris A. Miller</u>		DATE <u>10/18/10</u>																			

in 3075
FW
10/15/09

	U.S. ENVIRONMENTAL PROTECTION AGENCY Grant Agreement	ASSISTANCE ID NO.		DATE OF AWARD 09/23/2009	
		PRG	DOC ID		AMEND#
		LC -	96116001	- 0	
		TYPE OF ACTION New			MAILING DATE 09/30/2009
RECIPIENT TYPE: Not for Profit		PAYMENT METHOD: Advance		ACH# 10182	
RECIPIENT: Lake Champlain Basin Science Center One College Street Burlington, VT 05401 EIN: 03-0347288		Send Payment Request to: Las Vegas Finance Center, P.O. Box 98515, Las Vegas, NV 89193-8515 Tel: (702) 798-2406; Fax: (702) 798-2423			
PROJECT MANAGER Chris Andrew Miller One College Street Burlington, VT 05401 E-Mail: cmiller@echovermont.org Phone: 802-864-1848 x 103		EPA PROJECT OFFICER Erik Beck 1 Congress Street, Suite 1100, CWN Boston, MA 02114-2023 E-Mail: Beck.Erik@epa.gov Phone: 617-918-1606		EPA GRANT SPECIALIST Cheryll Scott Grants Management Office, 1 Congress Street, Suite 1100, Boston, MA 02114-2023, MGM E-Mail: Scott.Cheryll@epa.gov Phone: 617-918-1174	

PROJECT TITLE AND DESCRIPTION

ECHO at The Leahy Center for Lake Champlain

This award will help accomplish these goals: 1) Broaden outreach and education about the Lake Champlain Basin to underserved members of the community; 2) Create programs and exhibits that build community awareness of the value of the Lake Champlain Basin; 3) Support the Lake Champlain Basin Management Plan's Opportunities for action by educating guests about the issues that face the Basin, with particular emphasis on the Plan's priorities which are: reduce phosphorus inputs to Lake Champlain to promote a healthy and diverse ecosystem and provide for sustainable human use and enjoyment of the Lake; and reduce toxic contamination to protect public health and the Lake Champlain ecosystem.

BUDGET PERIOD	PROJECT PERIOD	TOTAL BUDGET PERIOD COST	TOTAL PROJECT PERIOD COST
09/25/2009 - 09/24/2011	09/25/2009 - 09/24/2011	\$866,667.00	\$866,667.00

NOTICE OF AWARD

Based on your application dated 07/30/2009, including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards \$650,000. EPA agrees to cost-share 75.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$650,000. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.

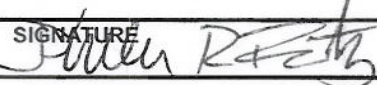
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)	AWARD APPROVAL OFFICE
ORGANIZATION / ADDRESS EPA New England 1 Congress Street, Suite 1100 Boston, MA 02114-2023	ORGANIZATION / ADDRESS U.S. EPA, EPA New England 1 Congress Street, Suite 1100 Boston, MA 02114-2023

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

SIGNATURE OF AWARD OFFICIAL Digital signature applied by EPA Award Official	TYPED NAME AND TITLE Linda Murphy, Dir. Office of Admin. & Resource Management	DATE 09/23/2009
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AFFIRMATION OF AWARD

BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION

SIGNATURE 	TYPED NAME AND TITLE Phelan R. Fretz, Executive Director	DATE 10/5/09
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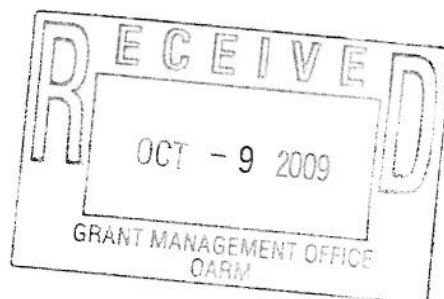


Table A - Object Class Category (Non-construction)	Total Approved Allowable Budget Period Cost
1. Personnel	\$196,300
2. Fringe Benefits	\$51,038
3. Travel	\$0
4. Equipment	\$0
5. Supplies	\$76,352
6. Contractual	\$40,000
7. Construction	\$0
8. Other	\$400,950
9. Total Direct Charges	\$764,640
10. Indirect Costs: % Base	\$102,027
11. Total (Share: Recipient <u>25.00</u> % Federal <u>75.00</u> %.)	\$866,667
12. Total Approved Assistance Amount	\$650,000
13. Program Income	\$0
14. Total EPA Amount Awarded This Action	\$650,000
15. Total EPA Amount Awarded To Date	\$650,000

Administrative Conditions

1. PAYMENT TO CONSULTANTS

EPA participation in the salary rate (excluding overhead) paid to individual consultants retained by recipients or by a recipient's contractors or subcontractors shall be limited to the maximum daily rate for a Level IV of the Executive Schedule (formerly GS-18), to be adjusted annually. This limit applies to consultation services of designated individuals with specialized skills who are paid at a daily or hourly rate. As of January 1, 2009, the limit is \$587.20 per day and \$73.40 per hour. This rate does not include transportation and subsistence costs for travel performed (the recipient will pay these in accordance with their normal travel reimbursement practices).

Subagreements with firms for services which are awarded using the procurement requirements in 40 CFR 30 or 31, as applicable, are not affected by this limitation unless the terms of the contract provide the recipient with responsibility for the selection, direction, and control of the individuals who will be providing services under the contract at an hourly or daily rate of compensation. See 40 CFR 31.36(j) or 30.27(b).

2. UTILIZATION OF SMALL, MINORITY AND WOMEN'S BUSINESS ENTERPRISES

GENERAL COMPLIANCE, 40 CFR, Part 33

The recipient agrees to comply with the requirements of EPA's Program for Utilization of Small, Minority and Women's Business Enterprises (MBE/WBE) in procurement under assistance agreements, contained in 40 CFR, Part 33.

FAIR SHARE OBJECTIVES, 40 CFR, Part 33, Subpart D

A recipient must negotiate with the appropriate EPA award official, or his/her designee, fair share objectives for MBE and WBE participation in procurement under the financial assistance agreements.

Current Fair Share Objective/Goal

The dollar amount of this assistance agreement is \$250,000, or more; or the total dollar amount of all of the recipient's non-TAG assistance agreements from EPA in the current fiscal year is \$250,000, or more. The Vermont Department of Environmental Conservation (VT DEC) has negotiated the following, applicable MBE/WBE fair share objectives/goals with EPA as follows:

MBE: CONSTRUCTION 1%; SUPPLIES 1%; SERVICES 1% ; EQUIPMENT 1%
WBE: CONSTRUCTION 1%; SUPPLIES 1%; SERVICES 1%; EQUIPMENT 1%

Negotiating Fair Share Objectives/Goals, 40 CFR, Section 33.404

If the recipient has not yet negotiated its MBE/WBE fair share objectives/goals, the recipient agrees to submit proposed MBE/WBE objectives/goals based on an availability analysis, or disparity study, of qualified MBEs and WBEs in their relevant geographic buying market for construction, services, supplies and equipment.

The recipient agrees to submit proposed fair share objectives/goals, together with the supporting availability analysis or disparity study, to the Regional MBE/WBE Coordinator within 120 days

Valerie Bataille, DBU Coordinator
U.S. EPA, Region 1
Grants Management Office (MGM)
1 Congress Street, Suite 1100
Boston, MA 02114-2023

Final MBE/WBE reports must be submitted within 90 days after the project period of the grant ends. Your grant cannot be officially closed without all MBE/WBE reports.

EPA Form 5700-52A may be obtained from the EPA Office of Small Business Program's Home Page on the Internet at www.epa.gov/osbp.

CONTRACT ADMINISTRATION PROVISIONS, 40 CFR, Section 33.302

The recipient agrees to comply with the contract administration provisions of 40 CFR, Section 33.302.

BIDDERS LIST, 40 CFR, Section 33.501(b) and (c)

Recipients of a Continuing Environmental Program Grant or other annual reporting grant, agree to create and maintain a bidders list. Recipients of an EPA financial assistance agreement to capitalize a revolving loan fund also agree to require entities receiving identified loans to create and maintain a bidders list if the recipient of the loan is subject to, or chooses to follow, competitive bidding requirements. Please see 40 CFR, Section 33.501 (b) and (c) for specific requirements and exemptions.

3. National Term and Condition: Drug-Free Workplace Certification for all EPA recipients

The recipient organization of this EPA assistance agreement must make an ongoing, good faith effort to maintain a drug-free workplace pursuant to the specific requirements set forth in Title 40 CFR 36.200 - 36.230. Additionally, in accordance with these regulations, the recipient organization must identify all known workplaces under its federal awards, and keep this information on file during the performance of the award.

Those recipients who are individuals must comply with the drug-free provisions set forth in Title 40 CFR 36.300.

The consequences for violating this condition are detailed under Title 40 CFR 36.510. Recipients can access the Code of Federal Regulations (CFR) Title 40 Part 36 at http://www.access.gpo.gov/nara/cfr/waisidx_06/40cfr36_06.html.

4. HOTEL-MOTEL FIRE SAFETY

Pursuant to 40 CFR 30.18, if applicable, and 15 USC 2225a, the recipient agrees to ensure that all space for conferences, meetings, conventions, or training seminars funded in whole or in part with federal funds complies with the protection and control guidelines of the Hotel and Motel Fire Safety Act (PL 101-391, as amended). Recipients may search the Hotel-Motel National Master List at <http://www.usfa.dhs.gov/applications/hotel/> to see if a property is in compliance

Recipients are entitled to reimbursement of indirect costs, subject to any statutory or regulatory administrative cost limitations, if they have a current rate agreement or have submitted an indirect cost rate proposal to their cognizant federal agency for review and approval. Recipients are responsible for maintaining an approved indirect cost rate. Recipients with differences between their provisional rates and final rates are not entitled to more than the award amount, without EPA approval.

Pursuant to 40 CFR 30.26, the non-profit recipient (including non-profit institutions of higher education) agrees to comply with the audit requirements prescribed in the Single Audit Act Amendments, and revised OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

6. LOBBYING AND LITIGATION - ALL RECIPIENTS

The chief executive officer of this recipient agency shall ensure that no grant funds awarded under this assistance agreement are used to engage in lobbying of the Federal Government or in litigation against the United States unless authorized under existing law. The recipient shall abide by its respective OMB Circular (A-21, A-87, or A-122), which prohibits the use of federal grant funds for litigation against the United States or for lobbying or other political activities.

7. LOBBYING - ALL RECIPIENTS

The recipient agrees to comply with Title 40 CFR Part 34, *New Restrictions on Lobbying*. The recipient shall include the language of this provision in award documents for all subawards exceeding \$100,000, and require that subrecipients submit certification and disclosure forms accordingly.

In accordance with the Byrd Anti-Lobbying Amendment, any recipient who makes a prohibited expenditure under Title 40 CFR Part 34 or fails to file the required certification or lobbying forms shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure.

LOBBYING - PART 30 RECIPIENTS

All contracts awarded by a recipient shall contain, when applicable, the anti-lobbying provision as stipulated in the Appendix at Title 40 CFR Part 30.

Pursuant to Section 18 of the Lobbying Disclosure Act, the recipient affirms that it is not a nonprofit organization described in Section 501(c)(4) of the Internal Revenue Code of 1986; or that it is a nonprofit organization described in Section 501(c)(4) of the Code but does not and will not engage in lobbying activities as defined in Section 3 of the Lobbying Disclosure Act.

8. MANAGEMENT FEES

Applicable to All Recipients - New & Supplemental Awards, and Amendments

12. RECYCLED PRODUCTS

In accordance with 40 CFR 30.16, State and local institutions of higher education, hospitals, and non-profit organizations that receive direct Federal funds shall give preference in their procurement programs funded with Federal funds to the purchase of recycled products pursuant to EPA's guidelines.

13. REIMBURSEMENT LIMITATION

EPA's financial obligations to the recipient are limited by the amount of federal funding awarded to date as shown on line 15 in its EPA approved budget. If the recipient incurs costs in anticipation of receiving additional funds from EPA, it does so at its own risk.

14. National Term and Condition for Subawards

- a. The recipient agrees to:
 - (1) Establish all subaward agreements in writing;
 - (2) Maintain primary responsibility for ensuring successful completion of the EPA-approved project (this responsibility cannot be delegated or transferred to a subrecipient);
 - (3) Ensure that any subawards comply with the standards in Section 210(a)-(d) of OMB Circular A-133 and are not used to acquire commercial goods or services for the recipient;
 - (4) Ensure that any subawards are awarded to eligible subrecipients and that proposed subaward costs are necessary, reasonable, and allocable;
 - (5) Ensure that any subawards to 501(c)(4) organizations do not involve lobbying activities;
 - (6) Monitor the performance of their recipients and ensure that they comply with all applicable regulations, statutes, and terms and conditions which flow down in the subaward;
 - (7) Obtain EPA's consent before making a subaward to a foreign or international organization, or a subaward to be performed in a foreign country; and
 - (8) Obtain approval from EPA for any new subaward work that is not outlined in the approved work plan in accordance with 40 CFR Parts 30.25 and 31.30, as applicable.
- b. Any questions about subrecipient eligibility or other issues pertaining to subawards should be addressed to the recipient's EPA Project Officer. Additional information regarding subawards may be found at <http://www.epa.gov/ogd/guide/subaward-policy-part-2.pdf>. Guidance for distinguishing between vendor and subrecipient relationships and ensuring compliance with Section 210(a)-(d) of OMB Circular A-133 can be found at <http://www.epa.gov/ogd/guide/subawards-appendix-b.pdf> and <http://www.whitehouse.gov/omb/circulars/a133/a133.html>.
- c. The recipient is responsible for selecting its subrecipients and, if applicable, for conducting subaward competitions.

15. SUSPENSION AND DEBARMENT

Recipients shall fully comply with Subpart C of 2 CFR Part 180 entitled, "Responsibilities of Participants Regarding Transactions Doing Business With Other Persons," as implemented and supplemented by 2 CFR Part 1532. Recipient is responsible for ensuring that any lower tier covered transaction, as described in Subpart B of 2 CFR Part 180, entitled "Covered Transactions," includes a term or condition

The recipient agrees to sign and return the Standard Form 3881, ACH Vendor/Miscellaneous Payment Enrollment Form, the Las Vegas Finance Center as indicated on the memorandum dated December 11, 2006 that was attached to your initial award with EPA. As required by Public Law 104-134; Debt Collection Improvement Act of 1996, Electronic Fund Transfer payments will not be processed until this form has been received by the Las Vegas Finance Center.

18. PRE-AWARD COSTS

This award includes the approval of preaward costs which were incurred up to 90 days prior to the award date.

19. UNLIQUIDATED OBLIGATIONS

EPA may take enforcement actions in accordance with 40 CFR 30.62 if the recipient does not comply with this term and condition.

1. Pursuant to 40 CFR 30.52(a)(1) and 30.71(a), EPA recipients shall submit a final Federal Financial Report (SF-425) to EPA no later than 90 calendar days after the end of the project period. The form is available on the internet at <http://www.epa.gov/ocfo/finservices/forms.htm>. All FFRs must be submitted to the Las Vegas Finance Center: US EPA, LVFC, PO Box 98515, Las Vegas, NV 89193, or by Fax to: 702-798-2423.

The LVFC will make adjustments, as necessary, to obligated funds after reviewing and accepting a final Federal Financial Report. Recipients will be notified and instructed by EPA if they must complete any additional forms for the closeout of the assistance agreement.

EPA may take enforcement actions in accordance with 40 CFR 30.62 if the recipient does not comply with this term and condition.

Programmatic Conditions

QUALITY ASSURANCE

The recipient will develop Quality Assurance Project Plans [QAPP] to support all environmental data operations in accordance with "*The EPA New England Quality Assurance Project Plan Program Guidance*," 2008. The term "environmental data operations" refers to any measurement or information that describe environmental processes, conditions, or location; ecological or health effects; involves the development, evaluation, use, or output from models or surveys; compiled from other sources such as data bases and literature; or the performance of environmental technology. The Quality Assurance Project Plan must be approved by EPA before any data collection and/or generation activities begin. Unless an alternate schedule was previously agreed upon, no later than 30 days prior to the scheduled commencement of data collection and/or data generation activities, the recipient will submit a Quality Assurance Project Plan to the following:

- EPA Project Officer (see page 1 of assistance agreement for name and address) and
- Regional Quality Assurance Manager (EQA)
U.S. Environmental Protection Agency
11 Technology Drive
North Chelmsford, MA 01863

For organizations having EPA-approved Quality Management Plans, the recipient will submit an annual update letter to EPA documenting progress over the year and any changes to the Quality Management Plan. Annual update letters will be sent every year for four years until the expiration of

copyrighted works or other data or;
b. termination or expiration of this agreement.

In addition, EPA may authorize another grantee to use copyrighted works or other data developed with Agency funds provided under this grant to perform another grant when such use promotes efficient and effective use of Federal grant funds.

APPLICATION FOR
FEDERAL ASSISTANCE SF- 424

3. DATE RECEIVED:

4. APPLICANT IDENTIFIER:

Version 10/05

1. TYPE OF SUBMISSION: <input type="checkbox"/> Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction	2. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	5a. FEDERAL ENTITY IDENTIFIER:	5b. FEDERAL AWARD IDENTIFIER: LC-96116001
		6. DATE RECEIVED BY STATE:	7. STATE APPLICATION IDENTIFIER:

8. APPLICANT INFORMATION

8 a. Legal name The Lake Champlain Basin Science Center, Inc.		8 e. Organizational Unit Department Name:	
8 b. Employer / Taxpayer Identification Number (EIN) 03-0347288		Division Name:	
8 c. Organizational DUNS 9686571		8 f. Name and telephone number of person to be contacted on matters involving this application (give area code) Prefix Dr. First Name Chris Middle Name Andrew Last Name Miller Suffix Title Director of Finance	
8 d. Address Street One College Street City Burlington County Chittenden State VT Zip Code 05401 Country USA		Email cmiller@echovermont.org Phone Number (give area code) (802) 864-1848 X103 Fax Number (give area code) (802) 864-6832	

9. TYPE OF APPLICANT (See back of form for Application Types)

M Other (specify):	10. NAME OF FEDERAL AGENCY U.S. EPA - New England (Region I)
	11. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 66-481
	CFDA TITLE:
12. FUNDING OPPORTUNITY NUMBER:	13. COMPETITION IDENTIFICATION NUMBER:

TITLE:	TITLE:
14. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.) States of Vermont and New York	15. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: ECHO at The Leahy Center for Lake Champlain

16. CONGRESSIONAL DISTRICTS OF		17. PROPOSED PROJECT	
a. Applicant VT-001	b. Project VT-all	Start Date 08/01/2009	Ending Date 09/30/2011

18. ESTIMATED FUNDING:		19. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
a. Federal	\$ 650,000.00	a. Yes. <input type="checkbox"/> THIS PREAPPLICATION / APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE:	
b. Applicant	\$ 216,667.00	b. No. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
c. State	\$ -	20. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?	
d. Local	\$ -	<input type="checkbox"/> Yes If "Yes", attach an explanation. <input checked="" type="checkbox"/> No	
e. Other	\$ -		
f. Program Income	\$ -		
g. TOTAL	\$ 866,667.00		

21. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION / PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.

a. Authorized Representative		c. Telephone Number (give area code) (802) 864-1848 X126	
Prefix Dr. First Name Phelan Middle Name R.	b. Title Executive Director		
Last Name Fretz Suffix	d. Email pfretz@echovermont.org		
e. Signature of Authorized Representative <i>Phelan Fretz</i>		f. Date Signed July 30, 2009	

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Various ECHO PROGRAMS	6 6 . 4 8 1	\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
2.						-
3.						-
4.						-
5. Totals		\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
SECTION B - BUDGET CATEGORIES						
Object Class Categories		GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
		(1) Total FFY 09				
a. Personnel		\$ 196,300.00				\$ 196,300.00
b. Fringe Benefits		51,038.00				51,038.00
c. Travel						
d. Equipment						
e. Supplies		76,352.00				76,352.00
f. Contractual		40,000.00				40,000.00
g. Construction						
h. Other		400,950.00				400,950.00
i. Total Direct Charges (sum of 6a-6h)		\$ 764,640.00				\$ 764,640.00
j. Indirect Charges		102,027.00				102,027.00
k. TOTALS (sum of 6i and 6j)		\$ 866,667.00	\$ -	\$ -	\$ -	\$ 866,667.00
7. Program Income		\$ -	\$ -	\$ -	\$ -	\$ -

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BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY									
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget					
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)			
1. On-Going ECHO Programs	6 6 . 4 8 1	\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00			
2.						-			
3.						-			
4.						-			
5. Totals		\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00			
SECTION B - BUDGET CATEGORIES									
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total			
	(1) Federal FFY 09	(2) Applicant FFY 09	(3)	(4)	(5) Total FFY 09				
a. Personnel	\$ 147,226.00	\$ 49,074.00			\$ 196,300.00				
b. Fringe Benefits	38,279.00	12,759.00			51,038.00				
c. Travel					-				
d. Equipment					-				
e. Supplies	57,262.00	19,090.00			76,352.00				
f. Contractual	30,000.00	10,000.00			40,000.00				
g. Construction					-				
h. Other	300,713.00	100,237.00			400,950.00				
i. Total Direct Charges (sum of 6a-6h)	\$ 573,480.00	\$ 191,160.00	\$ -	\$ -	\$ 764,640.00				
j. Indirect Charges	76,520.00	25,507.00			102,027.00				
k. TOTALS (sum of 6i and 6j)	\$ 650,000.00	\$ 216,667.00	\$ -	\$ -	\$ 866,667.00				
7. Program Income	\$ -	\$ -	\$ -	\$ -	\$ -				

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Standard Form 424A (Rev. 7-97)

Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES						
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS		
8. ON-GOING ECHO PROGRAMS	\$ 216,667.00	\$ -	\$ -	\$ 216,667.00		
9.				-		
10.				-		
11.				-		
12. TOTAL (sum of lines 8-11)	\$ 216,667.00	\$ -	\$ -	\$ 216,667.00		
SECTION D - FORECASTED CASH NEEDS						
Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
13. Federal	\$ 650,000.00	\$ 130,000.00	\$ 130,000.00	\$ 130,000.00		
14. Non-Federal	216,667.00	43,333.00	86,667.00	43,334.00		
15. TOTAL (sum of lines 13 and 14)	\$ 866,667.00	\$ 173,333.00	\$ 173,333.00	\$ 173,334.00		
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT						
(a) Grant Program	FUTURE FUNDING PERIODS (Years)					
	(b) First	(c) Second	(d) Third	(e) Fourth		
16.	\$ -	\$ -	\$ -	\$ -		
17.						
18.						
19.						
20. TOTAL (sum of lines 16 - 19)	\$ -	\$ -	\$ -	\$ -		
SECTION F - OTHER BUDGET INFORMATION						
21. Direct Charges: See detailed budget justification attached.	22. Indirect Charges: ((salary+benefits) x 41.25%)		\$102,027.00			
23. Remarks						



LEAHY CENTER
FOR LAKE CHAMPLAIN

July 30, 2009 ECOLOGY CULTURE HISTORY OPPORTUNITY

Ms. Cheryl Scott
Grant Specialist
U.S. Environmental Protection Agency
Grants Management Office
One Congress Street, Suite 1100-MGM
Boston, MA 02114-2023

Dear Ms. Scott:

Enclosed please find The Lake Champlain Basin Science Center, Inc.'s (d/b/a ECHO at the Leahy Center for Lake Champlain) Application for Federal Grant assistance for the period beginning August 1, 2009 and extending through September 30, 2011.

This history of ECHO's grant activity with the EPA is summarized in the table below:

History of EPA Grant - LC-97144701					
	Award Granted FFY 2005	Award Granted FFY 2006	Award Granted FFY 2007	Award Granted FFY 2008	Amended Total
EPA Amount	\$644,865	\$689,385	\$250,000	\$683,000	\$2,267,250
ECHO Contribution	214,740	261,668	83,334	227,667	787,409
Total Cost	\$859,605	\$951,053	\$333,334	\$910,667	\$3,054,659

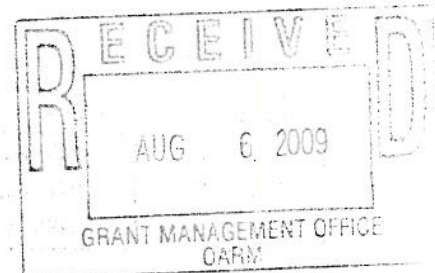
ECHO is applying for total additional grant funds (**under new grant # LC96119001**) from the EPA for Federal fiscal year 2009 in the sum of \$866,667. The EPA would reimburse ECHO for \$650,000 of project related expenses under the grant. ECHO's share of the project related expenses would be \$216,667. (Please see the attached spreadsheet detailing the derivation of the budgeted amount.) Note that the budget detail has been adjusted relative to the original submission of June 19, 2009. The budget total however remains unchanged.

If you have any questions regarding this submission, please contact me at 802-864-1848, X 103. I can also be reached at cmiller@echovermont.org.

Sincerely,

Chris A. Miller, Ph.D., CPA
Director of Finance

cc: Mr. Erik Beck – U.S. EPA



ECHO
Grant # - LC96116001
EPA Grant Budget for FFY 2009
Prepared: 07/30/09

"ECHO's Open Door" Access Program:

Discounts / Free Passes Provided

Social Service agency discount
Library ECHO Pass program
Teacher Ambassador annual pass program
School discounts provided
Matching annual pass program
Community nights

BUDGET		75%	25%	Total
Projected # Passes FFY 09	Discount/ Pass Value	EPA Share	ECHO Share	Total
6,000	\$7.50	\$33,750	\$11,250	\$45,000
575	\$400.00	172,500	57,500	230,000
300	\$100.00	22,500	7,500	30,000
13,000	\$3.00	29,250	9,750	39,000
300	\$120.00	27,000	9,000	36,000
700	\$8.50	4,463	1,488	5,950

Value - Total Passes / Discounts Provided

289,463 96,488 385,950

Scholarships

11,250 3,750 15,000

Total "ECHO Open Door" Access Program

\$300,713 \$100,238 \$400,950

ECHO Encounters:

Personnel:

Director of Animal Care and Facilities \$52,642
Environmental Exhibit Specialist 31,240
Environmental Exhibit Specialist 31,240
Director of Education & Programs 51,757
Preschool Educator 16,546
Volunteer Coordinator 30,116
Manager of Guest Services 44,133
Customer Service Representative 33,100
Customer Service Representative 28,000

Total Salaries

\$318,774

Fringe Benefits - 26% of Base Salary

Total Personnel: Salaries + Fringe Benefits

% Time Allocated to Project	EPA Share	ECHO Share	Total
100%	\$39,482	\$13,161	\$52,642
100%	23,430	7,810	31,240
100%	23,430	7,810	31,240
25%	9,704	3,235	12,939
50%	6,205	2,068	8,273
75%	16,940	5,647	22,587
15%	4,965	1,655	6,620
15%	3,724	1,241	4,965
15%	3,150	1,050	4,200

131,030 43,677 174,706

34,068 11,356 45,424

165,097 55,032 220,130

Animal Care - food, etc.

13,014 4,338 17,352

Supplies - exhibit repairs & maintenance,
program consumables, durable program props &
materials, etc.

Total ECHO Encounters

44,250 14,750 59,000

\$222,361 \$74,120 \$296,482

Voices for the Lake:

Consulting

\$26,250 \$8,750 \$35,000

Exhibits - Wind Project:

Personnel:

Director of New Product Development \$53,985

Total Salaries

\$53,985

Fringe Benefits - 26% of Base Salary

Total Personnel: Salaries + Fringe Benefits

% Time Allocated to Project	EPA Share	ECHO Share	Total
40%	\$16,196	\$5,399	\$21,594
	16,196	5,399	21,594
	4,211	1,404	5,614
	20,406	6,802	27,208

0 0 0

Exhibit Rentals

Other

Total Exhibits - Wind Project

3,750 1,250 5,000

\$24,156 \$8,052 \$32,208

Indirect Charges - Provisional OH Allocation = 41.25%

\$76,520 \$25,507 \$102,027

Budget Total

\$650,000 \$216,667 \$866,667

75% 25% 100%



LEAHY CENTER
FOR LAKE CHAMPLAIN

ECOLOGY CULTURE HISTORY OPPORTUNITY

July 30, 2009

Ms. Cheryl Scott
Grant Specialist
U.S. Environmental Protection Agency
Grants Management Office
One Congress Street, Suite 1100-MGM
Boston, MA 02114-2023

Dear Ms. Scott:

Enclosed please find The Lake Champlain Basin Science Center, Inc.'s (d/b/a ECHO at the Leahy Center for Lake Champlain) Application for Federal Grant assistance for the period beginning August 1, 2009 and extending through September 30, 2011. ECHO is applying for total additional grant funds (**under new grant # LC96116001**) from the EPA for Federal fiscal year 2009 in the sum of \$866,667. The EPA would reimburse ECHO for \$650,000 of project related expenses under the grant. ECHO's share of the project related expenses would be \$216,667.

ECHO is respectfully requesting payment of "pre-award costs" under the aforementioned grant request. The request is being made because costs in the amount of \$40,542 relating to several of the ECHO initiatives covered under the grant have been incurred before the availability of grant funds. The EPA share of the total costs is \$30,407 (see the attached spreadsheet). The aforementioned costs were incurred starting July 1, 2007. Note that this request supersedes the original request that was submitted on July 22, 2009.

If you have any questions regarding this submission, please contact me at 802-864-1848, X 103. I can also be reached at cmiller@echovermont.org.

Sincerely,

A handwritten signature in black ink that reads "Chris A. Miller". The signature is written in a cursive, flowing style.

Chris A. Miller, Ph.D., CPA
Director of Finance

cc: Mr. Erik Beck – U.S. EPA

ECHO
Grant # - LC96116001
EPA Grant Budget for FFY 2009
Prepared: 07/30/09

"ECHO's Open Door" Access Program:

Discounts / Free Passes Provided

Social Service agency discount
Library ECHO Pass program
Teacher Ambassador annual pass program
School discounts provided
Matching annual pass program
Community nights

Value - Total Passes / Discounts Provided

Scholarships

Total "ECHO Open Door" Access Program

ECHO Encounters:

Personnel:

Director of Animal Care and Facilities \$52,642
Environmental Exhibit Specialist 31,240
Environmental Exhibit Specialist 31,240
Director of Education & Programs 51,757
Preschool Educator 16,546
Volunteer Coordinator 30,116
Manager of Guest Services 44,133
Customer Service Representative 33,100
Customer Service Representative 28,000

Total Salaries

\$318,774

Fringe Benefits - 26% of Base Salary

Total Personnel: Salaries + Fringe Benefits

Animal Care - food, etc.

Supplies - exhibit repairs & maintenance,
program consumables, durable program props &
materials, etc.

Total ECHO Encounters

Voices for the Lake:

Consulting

Exhibits - Wind Project:

Personnel:

Director of New Product Development \$53,985

Total Salaries

\$53,985

Fringe Benefits - 26% of Base Salary

Total Personnel: Salaries + Fringe Benefits

Exhibit Rentals

Other

Total Exhibits - Wind Project

Indirect Charges - Provisional OH Allocation = 41.25%

Budget Total

BUDGET		75%	25%	Total
Projected # Passes FFY 09	Discount/ Pass Value	EPA Share	ECHO Share	Total
6,000	\$7.50	\$33,750	\$11,250	\$45,000
575	\$400.00	172,500	57,500	230,000
300	\$100.00	22,500	7,500	30,000
13,000	\$3.00	29,250	9,750	39,000
300	\$120.00	27,000	9,000	36,000
700	\$8.50	4,463	1,488	5,950
		289,463	96,488	385,950
		11,250	3,750	15,000
		\$300,713	\$100,238	\$400,950

ACTUAL - July 1 - July 30, 2009

ACTUAL		75%	25%	Total
Actual # Passes FFY 09	Discount/ Pass Value	EPA Share	ECHO Share	Total
585	\$7.50	\$3,291	\$1,097	\$4,388
	\$400.00	0	0	0
	\$100.00	0	0	0
	\$3.00	0	0	0
	\$120.00	0	0	0
	\$8.50	0	0	0
		3,291	1,097	4,388
		-	-	0
		\$3,291	\$1,097	\$4,388

% Time Allocated to Project	EPA Share	ECHO Share	Total
100%	\$39,482	\$13,161	\$52,642
100%	23,430	7,810	31,240
100%	23,430	7,810	31,240
25%	9,704	3,235	12,939
50%	6,205	2,068	8,273
75%	16,940	5,647	22,587
15%	4,965	1,655	6,620
15%	3,724	1,241	4,965
15%	3,150	1,050	4,200
	131,030	43,677	174,706
	34,068	11,356	45,424
	165,097	55,032	220,130

% Time Allocated to Project	EPA Share	ECHO Share	Total
100%	\$3,290	\$1,097	\$4,387
100%	1,953	651	2,603
100%	1,953	651	2,603
25%	809	270	1,078
50%	517	172	689
75%	1,412	471	1,882
15%	414	138	552
15%	310	103	414
15%	263	88	350
	10,919	3,640	14,559
	2,839	946	3,785
	13,758	4,586	18,344

13,014 4,338 17,352

623 208 831

44,250 14,750 59,000
\$222,361 \$74,120 \$296,482

908 303 1,210
\$15,289 \$5,096 \$20,385

\$26,250 \$8,750 \$35,000

\$3,750 \$1,250 \$5,000

% Time Allocated to Project	EPA Share	ECHO Share	Total
40%	\$16,196	\$5,399	\$21,594
	16,196	5,399	21,594
	4,211	1,404	5,614
	20,406	6,802	27,208
	0	0	0
	3,750	1,250	5,000
	\$24,156	\$8,052	\$32,208

% Time Allocated to Project	EPA Share	ECHO Share	Total
40%	\$1,350	\$450	\$1,800
	1,350	450	1,800
	351	117	468
	1,701	567	2,267
	0	0	0
	0	0	0
	\$1,701	\$567	\$2,267

\$76,520 \$25,507 \$102,027

\$6,377 \$2,126 \$8,502

\$650,000 \$216,667 \$866,667
75% 25% 100%

\$30,407 \$10,136 \$40,542
75% 25% 100%

APPLICATION FOR
FEDERAL ASSISTANCE SF-424

Version 10/05

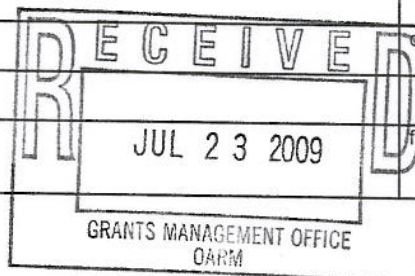
P.O. - Enke Back

Revised

Cherry

1. TYPE OF SUBMISSION: <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction		2. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		3. DATE RECEIVED:		4. APPLICANT IDENTIFIER:	
				5a. FEDERAL ENTITY IDENTIFIER:		5b. FEDERAL AWARD IDENTIFIER: LC-96116001	
				6. DATE RECEIVED BY STATE:		7. STATE APPLICATION IDENTIFIER: <i>In 16225 7/23/09</i>	
8. APPLICANT INFORMATION							
8 a. Legal name The Lake Champlain Basin Science Center, Inc.				8 e. Organizational Unit Department Name:			
8 b. Employer / Taxpayer Identification Number (EIN) 03-0347288				Division Name:			
8 c. Organizational DUNS 9686571				8 f. Name and telephone number of person to be contacted on matters involving this application (give area code)			
8 d. Address Street One College Street City Burlington County Chittenden State VT Zip Code 05401 Country USA				Prefix Dr. First Name Chris Middle Name Andrew Last Name Miller Suffix Director of Finance Email cmiller@echovermont.org Phone Number (give area code) (802) 864-1848 X103 Fax Number (give area code) (802) 864-6832			
9. TYPE OF APPLICANT (See back of form for Application Types) M Other (specify):				10. NAME OF FEDERAL AGENCY U.S. EPA - New England (Region I)			
12. FUNDING OPPORTUNITY NUMBER:				11. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 66-481			
14. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.) States of Vermont and New York				13. COMPETITION IDENTIFICATION NUMBER:			
16. CONGRESSIONAL DISTRICTS OF a. Applicant VT-001 b. Project VT-all				15. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: ECHO at The Leahy Center for Lake Champlain			
18. ESTIMATED FUNDING:				17. PROPOSED PROJECT Start Date 08/01/2009 Ending Date 09/30/2011			
a. Federal \$ 650,000.00				19. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?			
b. Applicant \$ 216,667.00				a. Yes. <input type="checkbox"/> THIS PREAPPLICATION / APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE:			
c. State \$ -				b. No. <input checked="" type="checkbox"/> PROGRAM IS NOT COVERED BY E.O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW			
d. Local \$ -				20. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?			
e. Other \$ -				<input type="checkbox"/> Yes If "Yes", attach an explanation. <input checked="" type="checkbox"/> No			
f. Program Income \$ -							
g. TOTAL \$ 866,667.00							
21. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION / PREAPPLICATION ARE TRUE AND CORRECT. THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.							
a. Authorized Representative							
Prefix Dr.		First Name Phelan		Middle Name R.		Suffix	
Last Name Fretz							
b. Title Executive Director				c. Telephone Number (give area code) (802) 864-1848 X 126			
d. Email pfretz@echovermont.org							
e. Signature of Authorized Representative <i>Phelan Fretz</i>				f. Date Signed 7/22/09			

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Standard Form 424 (Rev. 10-2005)
Prescribed by OMB Circular A-102

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Various ECHO PROGRAMS	6 6 . 4 8 1	\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
2.						-
3.						-
4.						-
5. Totals		\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
SECTION B - BUDGET CATEGORIES						
Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					
	(1) Total FFY 09					Total (5)
a. Personnel	\$ 120,298.00					\$ 120,298.00
b. Fringe Benefits	31,277.00					31,277.00
c. Travel						
d. Equipment						
e. Supplies	81,617.00					81,617.00
f. Contractual						
g. Construction						
h. Other	586,582.00					586,582.00
i. Total Direct Charges (sum of 6a-6h)	\$ 819,774.00					\$ 819,774.00
j. Indirect Charges	46,893.00					46,893.00
k. TOTALS (sum of 6i and 6j)	\$ 866,667.00	\$ -	\$ -	\$ -	\$ -	\$ 866,667.00
7. Program Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. On-Going ECHO Programs	6 6 . 4 8 1	\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
2.						-
3.						-
4.						-
5. Totals		\$ -	\$ -	\$ 650,000.00	\$ 216,667.00	\$ 866,667.00
SECTION B - BUDGET CATEGORIES						
Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					
	(1) Federal FFY 09	(2) Applicant FFY 09	(3)	(4)	Total (5) Total FFY 09	
a. Personnel	\$ 90,223.00	\$ 30,074.00			\$	120,297.00
b. Fringe Benefits	23,458.00	7,819.00				31,277.00
c. Travel						-
d. Equipment						-
e. Supplies	61,213.00	20,404.00				81,617.00
f. Contractual						-
g. Construction						-
h. Other	428,213.00	142,738.00				570,951.00
i. Total Direct Charges (sum of 6a-6h)	\$ 603,107.00	\$ 201,035.00	\$ -	\$ -	\$	804,142.00
j. Indirect Charges	46,893.00	15,632.00				62,525.00
k. TOTALS (sum of 6i and 6j)	\$ 650,000.00	\$ 216,667.00	\$ -	\$ -	\$	866,667.00
7. Program Income	\$ -	\$ -	\$ -	\$ -	\$	-

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Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. VARIOUS ECHO PROGRAMS	\$ 216,667.00	\$ -	\$ -	\$ 216,667.00
9.				-
10.				-
11.				-
12. TOTAL (sum of lines 8-11)	\$ 216,667.00	\$ -	\$ -	\$ 216,667.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 650,000.00	\$ 130,000.00	\$ 260,000.00	\$ 130,000.00	\$ 130,000.00
14. Non-Federal	216,667.00	43,333.00	86,667.00	43,333.00	43,334.00
15. TOTAL (sum of lines 13 and 14)	\$ 866,667.00	\$ 173,333.00	\$ 346,667.00	\$ 173,333.00	\$ 173,334.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16.	\$ -	\$ -	\$ -	\$ -
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ -	\$ -	\$ -	\$ -

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: See detailed budget justification attached.	22. Indirect Charges: ((salary+benefits) x 41.25%)	\$62,525.00
23. Remarks		

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LEAHY CENTER
FOR LAKE CHAMPLAIN

June 19, 2009 ECOLOGY CULTURE HISTORY OPPORTUNITY

Ms. Cheryl Scott
Grant Specialist
U.S. Environmental Protection Agency
Grants Management Office
One Congress Street, Suite 1100-MGM
Boston, MA 02114-2023

Dear Ms. Scott:

Enclosed please find The Lake Champlain Basin Science Center, Inc.'s (d/b/a ECHO at the Leahy Center for Lake Champlain) Application for Federal Grant assistance for the period beginning August 1, 2009 and extending through September 30, 2011.

This history of ECHO's grant activity with the EPA is summarized in the table below:

History of EPA Grant - LC-97144701					
	Award Granted <u>FFY 2005</u>	Award Granted <u>FFY 2006</u>	Award Granted <u>FFY 2007</u>	Award Granted <u>FFY 2008</u>	Amended <u>Total</u>
EPA Amount	\$644,865	\$689,385	\$250,000	\$683,000	\$2,267,250
ECHO Contribution	214,740	261,668	83,334	227,667	787,409
Total Cost	\$859,605	\$951,053	\$333,334	\$910,667	\$3,054,659

ECHO is applying for total additional grant funds (**under new grant # LC96119001**) from the EPA for Federal fiscal year 2009 in the sum of \$866,667. The EPA would reimburse ECHO for \$650,000 of project related expenses under the grant. ECHO's share of the project related expenses would be \$216,667. (Please see the attached spreadsheet detailing the derivation of the budgeted amount.)

If you have any questions regarding this submission, please contact me at 802-864-1848, X 103. I can also be reached at cmiller@echovermont.org.

Sincerely,

Chris A. Miller, Ph.D., CPA
Director of Finance

cc: Mr. Erik Beck – U.S. EPA



ONE COLLEGE STREET
BURLINGTON VERMONT USA 05401

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ECHO
Grant # - LC96116001
EPA Grant Budget for FFY 2009
Prepared: 07/22/09

"ECHO's Open Door" Access Program:

Discounts / Free Passes Provided

Social Service agency discount
Library ECHO Pass program
Teacher Ambassador annual pass program
School discounts provided
Matching annual pass program
Community nights

BUDGET		75%	25%	Total
Projected # Passes FFY 09	Discount/ Pass Value	EPA Share	ECHO Share	Total
6,000	\$7.50	\$33,750	\$11,250	\$45,000
575	\$400.00	172,500	57,500	230,000
300	\$100.00	22,500	7,500	30,000
13,000	\$3.00	29,250	9,750	39,000
300	\$120.00	27,000	9,000	36,000
700	\$8.50	4,463	1,488	5,950

Value - Total Passes / Discounts Provided

289,463 96,488 385,950

Scholarships

11,250 3,750 15,000

Total "ECHO Open Door" Access Program

\$300,713 \$100,238 \$400,950

ECHO Encounters:

Personnel:

Director of Animal Care and Facilities 52,642
Environmental Exhibit Specialist 31,240
Environmental Exhibit Specialist 31,240
Director of Education & Programs 51,757
Total Salaries \$166,879

Fringe Benefits - 26% of Base Salary

% Time Allocated to Project	EPA Share	ECHO Share	Total
100%	\$39,481	\$13,161	\$52,642
100%	23,430	7,810	31,240
100%	23,430	7,810	31,240
10%	3,882	1,294	5,176
	90,223	30,074	120,298
	23,458	7,819	31,277

Total Personnel: Salaries + Fringe Benefits

113,681 37,894 151,575

Animal Care - Animal Care - food, veterinary services, etc.

15,000 5,000 20,000

Voices for the Lake

56,250 18,750 75,000

Exhibits - Wind Project

56,250 18,750 75,000

**Supplies - exhibit repairs & maintenance,
program consumables, durable program props &
materials, etc.**

61,213 20,404 81,617

Total ECHO Encounters

\$302,394 \$100,798 \$403,192

Indirect Charges - Provisional OH Allocation = 41.25%

\$46,893 \$15,631 \$62,525

Budget Total

\$650,000 \$216,667 \$866,667
75% 25% 100%



LEAHY CENTER
FOR LAKE CHAMPLAIN

ECOLOGY CULTURE HISTORY OPPORTUNITY

July 22, 2009

Ms. Cheryl Scott
Grant Specialist
U.S. Environmental Protection Agency
Grants Management Office
One Congress Street, Suite 1100-MGM
Boston, MA 02114-2023

Dear Ms. Scott:

Enclosed please find The Lake Champlain Basin Science Center, Inc.'s (d/b/a ECHO at the Leahy Center for Lake Champlain) Application for Federal Grant assistance for the period beginning August 1, 2009 and extending through September 30, 2011. ECHO is applying for total additional grant funds (**under new grant # LC96116001**) from the EPA for Federal fiscal year 2009 in the sum of \$866,667. The EPA would reimburse ECHO for \$650,000 of project related expenses under the grant. ECHO's share of the project related expenses would be \$216,667.

ECHO is respectfully requesting payment of "pre-award costs" under the aforementioned grant request. The request is being made because costs in the amount of \$28,629 relating to several of the initiatives under "ECHO Encounters" are being incurred before the availability of grant funds. The EPA share of the total costs would be \$21,472 (see the attached spreadsheet).

If you have any questions regarding this submission, please contact me at 802-864-1848, X 103. I can also be reached at cmiller@echovermont.org.

Sincerely,

Chris A. Miller, Ph.D., CPA
Director of Finance

cc: Mr. Erik Beck – U.S. EPA

ECHO
 Grant # - LC96116001
 EPA Grant Budget for FFY 2009
 Pre-award Cost Reimbursement Request
 Prepared: 07/22/09

"ECHO's Open Door" Access Program:

BUDGET					July 1, 2009 through July 22, 2009				
Projected # Passes FFY 09	Discount/ Pass Value	EPA Share	ECHO Share	Total	July 2008 Passes	Discount/ Pass Value	EPA Share	ECHO Share	Total
6,000	\$7.50	\$33,750	\$11,250	\$45,000	1,163	\$7.50	\$6,542	\$2,181	\$8,723
575	\$400.00	172,500	57,500	230,000		\$400.00	0	0	0
300	\$100.00	22,500	7,500	30,000	4	\$100.00	300	100	400
13,000	\$3.00	29,250	9,750	39,000		\$3.00	0	0	0
300	\$120.00	27,000	9,000	36,000		\$120.00	0	0	0
700	\$8.50	4,463	1,488	5,950		\$8.50	0	0	0
Value - Total Passes / Discounts Provided				289,463			6,842	2,281	9,123
Scholarships				11,250			0	0	0
Total "ECHO Open Door" Access Program				\$300,713			\$6,842	\$2,281	\$9,123

ECHO Encounters:

Personnel:	% Time Allocated to Project	EPA Share	ECHO Share	Total	EPA Share	ECHO Share	Total
Director of Animal Care and Facilities	100%	\$39,481	\$13,161	\$52,642	\$3,290	\$1,097	\$4,387
Environmental Exhibit Specialist	100%	23,430	7,810	31,240	1,953	651	2,603
Environmental Exhibit Specialist	100%	23,430	7,810	31,240	1,953	651	2,603
Director of Education & Programs	10%	3,882	1,294	5,176	323	108	431
Total Salaries		90,223	30,074	120,298	7,519	2,506	10,025
Fringe Benefits - 26% of Base Salary		23,458	7,819	31,277	1,955	652	2,606
Total Personnel: Salaries + Fringe Benefits		113,681	37,894	151,575	9,473	3,158	12,631
Animal Care - Animal Care - food, veterinary services, etc.		15,000	5,000	20,000	310	103	414
Voices for the Lake		56,250	18,750	75,000	0	0	0
Exhibits - Wind Project		56,250	18,750	75,000	0	0	0
Supplies - exhibit repairs & maintenance, program consumables, durable program props & materials, etc.		61,213	20,404	81,617	938	313	1,251
Total ECHO Encounters		\$302,394	\$100,798	\$403,192	\$10,722	\$3,574	\$14,296
Indirect Charges - Provisional OH Allocation = 41.25%		\$46,893	\$15,631	\$62,525	\$3,908	\$1,303	\$5,210
Budget Total		\$650,000	\$216,667	\$866,667	\$21,472	\$7,157	\$28,629
		75%	25%	100%	75%	25%	100%



United States Department of the Interior
National Business Center
Indirect Cost Services
2180 Harvard Street, Suite 430
Sacramento, CA 95815



June 26, 2009

Mr. Chris A. Miller, Director of Finance and Administration
The Lake Champlain Basin Science Center, Inc.
(d.b.a. ECHO at The Leahy Center for Lake Champlain)
One College Street
Burlington, Vermont 05401

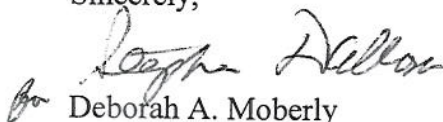
Dear Mr. Miller:

We reviewed the revised indirect cost rate proposal for the fiscal years (FYs) ending March 31, 2008 and 2010. We are prepared to approve a final rate of 41.25 percent for FY 2008 for all programs and a provisional rate for FY 2010 at the same percentage as the FY 2008 final rate. These rates are based on total direct salaries and wages, including fringe benefits. The result of our review is summarized in the enclosed Exhibit. If you agree with the contents, **please sign and return the two copies** of the Indirect Cost Negotiation Agreement to us to complete the negotiation process. I will then sign and return one copy to you.

Since your organization has a provisional rate, you are required to finalize this rate by submitting a new indirect cost proposal within 6 months after the close of your fiscal year. Accordingly, a revised proposal containing actual costs for FY 2009 is due in our office before October 1, 2009. This final rate proposal must be based on and reconcilable to financial statements that meet the requirements of the Single Audit Act of 1984, Public Law 98-502, as amended. In addition, as long as you continue to receive federal funding, new indirect cost rate proposals are required to obtain approved rates. Therefore, your FY 2011 provisional rate proposal should accompany the FY 2009 final rate proposal. You may use your FY 2009 final rate proposal (actual costs) as the basis for negotiating your FY 2011 provisional rate or you may submit a new proposal based on budgetary data or combination thereof. For information and updates on filing indirect cost proposals, please visit our Web site at <http://www.aqd.nbc.gov/ics>.

If you have any questions concerning the agreement or this letter, please write or call Ms. Maria Nua, Program Analyst, at (916) 566-7111.

Sincerely,


Deborah A. Moberly
Indirect Cost Coordinator

Enclosures: Exhibit and Negotiation Agreement

Ref: J:Contracts/EPA/Lcbs192/Lcbs-Na.08F&10P

Phone (916) 566-7111

Fax (916) 566-7110

E-mail ICS@nbc.gov

Internet <http://www.nbc.gov/icshome.html>

The Lake Champlain Basin Science Center, Inc.
FY 2008 Final and FY 2010 Provisional Rate Computations

Exhibit

Title/Description	FY 2008 Final	FY 2010 Provisional
Indirect Cost Pools	<u>\$382,037</u>	<u>\$382,037</u>
Direct Salaries and Fringes Bases	<u>\$926,076</u>	<u>\$926,076</u>
Indirect Cost Rates	<u>41.25%</u>	<u>41.25%</u>

Note: As requested by The Lake Champlain Science Center, Inc., FY 2010 provisional rate is based on the FY 2008 final rate.